

REMARKS/ARGUMENTS

1. Amendment to the Specification:

Paragraph [0038] is amended to describe the first floating BM shielding layer
5 42A overlaps across the extension portion of the first data line 34a, which is also a
part of the source electrode S of the thin film transistor 38b. The amendment has been
shown in Figs.3D-3E. No new matter is added. Acceptance of the amendment of the
specification is politely requested.

10 **2. Office communication of claims:**

It is respectfully pointed out that the Amendment filed 08 November 2006 is
non-responsive. The amended claims are not readable on the elected invention
because they are drawn to non-elected species. Applicant elected Species 1, drawn to
Applicant's first embodiment, in the response filed 08 April 2005. The first
15 embodiment does not have the newly added limitation of a first shielding layer that
overlaps across the source electrode (drain electrode) of the thin film transistor
(contrast first embodiment Figures 3A-4 from the second embodiment, non-elected
species 2, Figure 5). Please note that the first embodiment has a first shielding layer
that overlaps across an extension portion of the data line, not the source electrode.
20 Specification page 6 (pages are not numbered) includes "For each of the TFTs 38a and
38b, the drain electrode D is electrically connected to the pixel electrode 36, and the
source electrode S is electrically connected to an extension portion of the data line
34a".

25 Applicant's newly added amendment also adds two species of TFT position in
the alternative. Applicant must amend in such a way as to result in claims that read
exclusively on elected species 1, embodiment 1. Claims drawn to alternate species
will not be examined because they read on non-elected species, e.g., claim 30. Also,
Applicant's first embodiment allows for the shielding layers to be floating (not
30 connected to the gate line) or not floating (electrically connected to the gate line).

Please do not claim an electrically connected shielding layer as a “floating” shielding layer because it would be repugnant to terminology in the art.

Response:

5 Applicants appreciate the comment in the above-identified Office communication. Claim 1 is currently amended to clearly describe the limitation about the first shielding layer added in the response of a previous Office action, filed 8 November 2006. As shown in the “listing of claims” section, the amended claim 1 limits that the first shielding layer overlaps across *the source electrode of the TFT on an adjacent*
10 *pixel area*. Referring to Figs.3C-3E, the first floating BM layer 42A overlaps across the extension portion of the first data line 34a that connects the source electrode S of the TFT 38b, belonging to another pixel area next to the illustrated pixel area Ra. In para. [0032], the specification describes “For each of the TFTs 38a and 38b, the drain electrode D is electrically connected to the pixel electrode 36, and the source electrode
15 S is electrically connected to an extension portion of the data line 34a.” It is a common sense to those skilled in the art that an extension portion of the data line electrically connected to the source area can be taken as a part of the source electrode, and the extension portion of the data line 34a is clearly pointed by the symbol “S” for representing the source electrode of the TFT 38b in Figs.3D-3E. Therefore, *it is not*
20 *doubt that the first floating BM shielding layer 42A does overlap across the source electrode S of the TFT 38b. Therefore, the amended claim 1 is readable in elected species 1, drawn to the first embodiment and Figs.3A-3E.* Acceptance of the amendment and reconsideration of claim 1 is respectfully requested.

25 **3. Introduction of New Claims:**

 Claim 31 is added to describe that the first shielding layer overlaps across the extension portion of one of the data lines. According to para. [0032], lines 14-16 of this application, the specification describes “the source electrode S is electrically connected to an extension portion of the data line 34a.” Therefore, the “extension
30 portion” of the data line is not a new matter. In addition, Figs.3D-3E clearly show that

the first floating BM shielding layer 42A overlaps across the extension portion (pointed by the symbol "S") of the first data line 34a, which is a part of the source electrode of the TFT 38b. Accordingly, the newly added claim 31 is fully supported by figures and specification. No new matter is entered. Acceptance and consideration
5 of claim 31 is politely requested.

Applicants respectfully request that a timely Notice of Allowance be issued in this case.

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Sincerely yours,



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20 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)